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SECTION ONE OF TWENTY

MISSION 4038 5 TO 12 JUN 67

OAK

17 JUN 67

PT 02

PREFACE

THIS IS THE SECOND AND FINAL OAK REPORT ON MISSION 4038
COVERING THE HIGHEST PRIORITY TARGETS NOT REPORTED IN THE
MIDDLE EAST AND NORTH VIETNAM EDITION

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<(TEXT WHICH FOLLOWS IDENTICAL TO ABOVE CITED MISSION)>

TOP SECRET

END OF MESSAGE

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TOP SECRET

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Excluded from
downgrading and
declassification

25X1

S/C NOTE: ALSO PASSED

OAK
PRT # 2
4038

OUT62331

0993

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SECTION #01

MISSION 4038 5 TO 12 JUN 67

OAK

17 JUN 67

PT 02

PREFACE

THIS IS THE SECOND AND FINAL OAK REPORT ON MISSION 4038 COVERING THE HIGHEST PRIORITY TARGETS NOT REPORTED IN THE MIDDLE EAST AND NORTH VIETNAM EDITION. TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES. SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY FRAMES WHICH ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID COORDINATES FOR NEW TARGETS ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C @CLEAR, SC @SCATTERED CLOUD COVER, HC @HEAVY CLOUD COVER, H @HAZE, CS @CLOUD SHADOW, S @SNOW, O @OBLIQUITY, SD @SEMI-DARKNESS, D @DARKNESS, GC @GROUND COVER, CF @CAMOUFLAGEN, GR @GROUND RESOLUTION, AND SS @SMALL SCALE. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD, F @FAIR, OR P @POOR. THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL OR PT @PARTIAL. THE MODE OF COVERAGE IS INDICATED BY ST @STEREO, PS @PARTIAL STEREO, OR NS @NON-STEREO. THE INITIAL SCAN OF THE PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, DETAILED ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

HIGHLIGHTS

A PORTION OF THE PLESETSK MISSILE AND SPACE CENTER IS IMAGED ON 3 OF 7 PROGRAMMED PASSES OF PHOTOGRAPHY. HOWEVER, INTERPRETATION IS LIMITED ON ALL THREE PASSES BY SCATTERED CLOUDS. NONE OF THE FACILITIES AT THE EASTERN END OF THE CENTER ARE COVERED. LAUNCH SITE 16 IS CONFIRMED AS A DUAL PAD SITE SIMILAR TO LAUNCH SITE 21. THE MISSILE SERVICE TOWER AT LAUNCH SITE 3 @SS-6, LAUNCH POINT IV, HAS BEEN REMOVED, BUT THE SERVICE TOWERS ARE PRESENT AT BOTH PADS AT LAUNCH SITE 1 @LAUNCH POINTS I AND II, AND AT LAUNCH SITE 2 @LAUNCH POINT III. A PROBABLE SS-7 MISSILE EXERCISE IS IN PROGRESS AT LAUNCH SITE 5 ON [REDACTED] WITH A MISSILE ERECTED ON THE RIGHT PAD. NO ACTIVITY WAS NOTED [REDACTED] AT LAUNCH SITE 9, THE GANTRY IS ON THE LEFT PAD WHILE AT LAUNCH SITE 10, THE GANTRY IS ON THE RIGHT PAD. A PROBABLE GANTRY IS UNDER CONSTRUCTION TO THE REAR OF THE LEFT PAD AT SITE 10. FIVE CONFIRMED AND 1 PROBABLE TYPE IIID SITES ARE NEWLY IDENTIFIED AT THE KOZELSK ICBM COMPLEX. ALL ARE IN THE PREVIOUSLY IDENTIFIED J GROUP WHICH NOW HAS 9 SITES. THE CURRENT NUMBER OF ICBM LAUNCHERS AT THE 24 KNOWN DEPLOYED COMPLEXES @THE FIGURES SHOWN IN PARENTHESIS INDICATE THE NUMBER OF POSSIBLE LAUNCHERS AND ARE NOT INCLUDED IN THE TOTALS IS AS FOLLOWS --

THE IIIC
TYPE ITH177
200 270

OTHER LAUNCHERS

209

TOTAL

888 04x

SIX PASSES OVER SARY-SHAGAN LAUNCH COMPLEX A AND PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2 REVEAL CONSIDERABLE MISSILE ACTIVITY. THE GREATEST NUMBER OF MISSILES OBSERVED ON ANY ONE DAY IS 10, WITH MOST OF THE ACTIVITY AT LAUNCH SITE 3.

AT MOSKVA ABM LAUNCH COMPLEX E24, TRIAD 1, GALOSH LAUNCHERS/ERECTORS ARE CONFIRMED AT EACH OF THE 8 LAUNCH POSITIONS. AT TRIAD 2, BUILDING C, WORK IS PROGRESSING ON THE PEDESTAL STRUCTURE, BUT IT CANNOT BE DETERMINED WHETHER CONSTRUCTION HAS STARTED ON THE ANTENNA. CONSTRUCTION IS ALSO CONTINUING AT MOSKVA ABM LAUNCH COMPLEX E31. A PREVIOUSLY UNIDENTIFIED FACILITY REPORTED AT BOROVSK IN THE MOSKVA AREA IS NOW CONSIDERED TO BE A POSSIBLE ABM SUPPORT FACILITY. TWO POSSIBLE GALOSH CANISTERS ARE OBSERVED ADJACENT TO THE VERY LARGE BUILDING.

AT THE CHEREPOVETS PROBABLE LONG RANGE SAM LAUNCH COMPLEX, MISSILE ACTIVITY IS OBSERVED. TWO MISSILES ARE ON LAUNCHERS

SECTION # 02

AND THREE ARE ON TRANSPORTERS IN THE MISSILE HANDLING FACILITY. CONSTRUCTION OF CANOPIES OVER THE DOLLY POSITIONS AT 3 LAUNCH POSITIONS IS OBSERVED FOR THE FIRST TIME AT THE NIZHNYAYA TURA PROBABLE LONG RANGE SAM LAUNCH COMPLEX. AN AIR WARNING RADAR FACILITY ASSOCIATED WITH THE KIEV PROBABLE LONG RANGE SAM LAUNCH COMPLEX IS NEWLY IDENTIFIED. WU-SHA-TA-LA SAM SITE A15-2, LOCATED NEAR THE WU-SHA-TA-LA AIRFIELD, CHINA, IS COMPLETE AND THE 6 POSITIONS CONTAIN SA-2 LAUNCHERS. SIX COVERED SA-2 MISSILE TRANSPORTERS ARE LOCATED NEAR THE LAUNCH POSITIONS. OTHER EQUIPMENT OBSERVED INCLUDES A FAN SONG RADAR, 7 TRUCK VANS, 9 VAN TRAILERS, 10 TRACKED PRIME MOVERS, 3 PROBABLE CANISTER TRANSPORTERS, 6 SETS OF BOGIE WHEELS, AND AT LEAST 6 SA-2 MISSILE CANISTERS. ALL VEHICLES AND EQUIPMENT HAVE BEEN BROUGHT TO THE SITE

SINCE IT WAS LAST PHOTOGRAPHED ON MISSION AT SEVERODVINSK SHIPYARD 402, THE 402/A-55 FORMERLY REPORTED AS A U-BALLISTIC MISSILE SUBMARINE HAS MOVED FROM THE FITTING-OUT QUAY INTO THE ESTUARY AND THE 402/B-SS PREVIOUSLY REPORTED AS AN UNIDENTIFIED LARGE SS REMAINS IN THE LAUNCH BASIN. THE LATTER VESSEL IS APPROXIMATELY

25X1

AND OTHERWISE RESEMBLES THE H-II-SSBN. FOUR LIGHT-TONED OR EARTH-DISTURBED LOCATIONS ARE NEWLY IDENTIFIED AT UNDERGROUND TEST AREA 4.

25X1

25X1

THESE LOCATIONS ARE PROBABLY THE RESULTS OF TESTS TAKING PLACE FROM 3 DEC 66 THROUGH 28 MAY 67. AT THE PING-HSIANG COMPLEX, CHINA, NUMEROUS VEHICLES AND PIECES OF EQUIPMENT ARE OBSERVED THROUGHOUT THE AREA, INCLUDING 973 TRUCKS, 82 SMALL UTILITY TRUCKS, 21 VEHICLES/PIECES OF EQUIPMENT, 20 UNIDENTIFIED PIECES OF EQUIPMENT, AND 6 PROBABLE MORTARS.

25X1

25X1

STATUS OF TARGET READOUT THIS OAK REPORTS ON 43 COMOR TARGETS, 1 NON-COMOR TARGET, AND 1 BONUS TARGET. TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON THIS MISSION AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

TABLE 1 -- SOVIET ICBM DEPLOYMENT
TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT
TABLE 3 -- SAM AND ABM DEPLOYMENT
TABLE 4 -- DEPLOYED PROBABLE LONG RANGE SAM COMPLEXES
TABLE 5 -- DATE/TIME OF PHOTOGRAPHIC PASSES

MISSILES

PLESETSK MISSILE AND SPACE CENTER UR 6254N 04038E

25X1

THIS TARGET WAS PROGRAMMED FOR COVERAGE ON 7 PASSES.
FOUR ARE CLOUD COVERED/NOT COVERED.

SCATTERED CLOUD COVER LIMITS INTERPRETATION OF THE
INTERPRETABLE PASSES. NONE OF THE FACILITIES AT THE
EASTERN END OF THE CENTER ARE COVERED. LAUNCH SITE 16
IS NOW CONFIRMED AS 2 SOFT PADS. THE MISSILE SERVICE
TOWER AT SITE 3 HAS BEEN REMOVED, BUT THE SERVICE
TOWERS ARE PRESENT AT SITES 1 AND 2. A PORTABLE SS-7
MISSILE EXERCISE IS IN PROGRESS AT SITE 5 ON
NO ACTIVITY WAS OBSERVED [REDACTED] A PROBABLE GANTRY
IS UNDER CONSTRUCTION BEHIND THE LEFT PAD AT SITE 10.
NO NEW ICBM OR ABM/LONG RANGE SAM FACILITIES ARE
OBSERVED IN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH
AREA COVERED ON PHOTOGRAPHY.

25X1

25X1

25X1

PLESETSK LAUNCH SITE 1 UR 6255N 04027E [REDACTED]
TWO POSSIBLE RAIL CARS ARE ON THE PAD AT LAUNCH POINT
1.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

25X1

PLESETSK LAUNCH SITE 2 UR 6256N 04031E [REDACTED]
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1

25X1

PLESETSK LAUNCH SITE 3 UR 6257N 04041E [REDACTED]
THE MISSILE SERVICE TOWER HAS BEEN REMOVED AND A
CIRCULAR HOLE APPROXIMATELY [REDACTED] IN DIAMETER IS
APPARENT IN THE CENTER OF THE PAD. AN UNIDENTIFIED
OBJECT OR OBJECTS APPROXIMATELY [REDACTED] IS

25X1

25X1

25X1

SECTION # 03

VISIBLE WITHIN THE OPENING. THERE IS NO EVIDENCE OF
MATERIEL OR DISMANTLED MEMBERS OF THE SERVICE TOWER IN
THE VICINITY OF THE PAD.

25X1

25X1

PLESETSK LAUNCH SITE 4 UR 6258N 04046E [REDACTED]
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1

25X1

25X1

PLESETSK LAUNCH SITE 5 UR 6303N 04057E [REDACTED]
A MISSILE EXERCISE IS IN PROGRESS AND A
MISSILE IS ERECTED ON THE RIGHT PAD. AT LEAST 9
VEHICLES/PIECES OF EQUIPMENT ARE POSITIONED NEAR THE
BASE OF THE MISSILE. AN ERECTOR IS IN ITS NORMAL
POSITION ON THE LEFT PAD AND AN EMPTY MISSILE
TRANSPORTER IS PARKED FORWARD OF THE LEFT PAD. SEVERAL
OTHER VEHICLES/PIECES OF EQUIPMENT ARE PARKED AT
VARIOUS POINTS WITHIN THE SITE.

25X1

ON [REDACTED] THE MISSILE WAS NOT PRESENT ON THE RIGHT
PAD AND THE ERECTOR WAS PULLED BACK FROM THE LAUNCH
POINT. SEVERAL SMALL VEHICLES/PIECES OF EQUIPMENT ARE
PARKED AT VARIOUS POINTS WITHIN THE SITES.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

PLESETSK LAUNCH SITE 6 UR 6300N 04052E [REDACTED]
 THE SILO DOORS ARE CLOSED. SEVERAL VEHICLES/PIECES OF
 EQUIPMENT ARE LOCATED THROUGHOUT THE AREA.
 NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
 PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

PLESETSK LAUNCH SITE 7 UR 6251N 04034E [REDACTED]
 SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE VISIBLE IN THE
 SITE AREA.
 NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
 PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

25X1

PLESETSK LAUNCH SITE 8 UR 6253N 04047E [REDACTED]
 THREE CYLINDRICAL OBJECTS APPROXIMATELY [REDACTED]
 ON THE LOOP ROAD IN THE SS-8 RAIL-TO-ROAD TRANSFER POINT
 APPROXIMATELY 1 NM WEST OF LAUNCH LAUNCH SITE 8.
 NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
 CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
 UNREPORTED FEATURES OBSERVED.

25X1

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PLESETSK LAUNCH SITE 9 UR 6253N 04051E [REDACTED]
 NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
 CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
 UNREPORTED FEATURES OBSERVED.

25X1

25X1

PLESETSK LAUNCH SITE 10 UR 6252N 04052E [REDACTED]
 A PROBABLE GANTRY IS UNDER CONSTRUCTION BEHIND THE LEFT
 LAUNCH PAD.
 NO MISSILES OBSERVED.

25X1

25X1

PLESETSK LAUNCH SITE 13 UR 6252N 04044E [REDACTED]
 NUMEROUS VEHICLES/PIECES OF EQUIPMENT ARE PARKED ON THE
 APRON ADJACENT TO THE LOOP ROAD. THE ERECTOR ON THE
 NORTH PAD HAS BEEN PULLED BACK OFF THE LAUNCH PAD.
 NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
 PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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25X1

PLESETSK LAUNCH SITE 16 UR 6246N 04035E [REDACTED]
 SITE 16 CAN NOW BE CONFIRMED AS HAVING 2 SOFT PADS WITH
 ASSOCIATED LIGHT TOWERS SIMILAR IN CONFIGURATION TO
 LAUNCH SITE 21.
 NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
 CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
 UNREPORTED FEATURES OBSERVED.

25X1

25X1

25X1

PLESETSK CONSTRUCTION SUPPORT FACILITY UR 6254N 04038E [REDACTED]
 NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
 CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
 UNREPORTED FEATURES OBSERVED.

25X1

25X1

PLESEISK RAIL-TO-ROAD TRANSFER POINT UR 6255N 040 E
SEVERAL RAIL CARS AND VEHICLES/PIECES OF EQUIPMENT ARE
LOCATED IN THE TRANSFER POINT AREA.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

PLESEISK ADMINISTRATION/HOUSING FAC UR 6245N 04020E
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

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25X1

PERM ICBM COMPLEX UR 5742N 05619E
THIS TARGET WAS PROGRAMMED FOR COVERAGE ON 5 PASSES.
ALL ARE INTERPRETABLE.

25X1

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TWENTY-TWO TYPE IIID LAUNCH SITES, 3 TYPE II LAUNCH
SITES, THE COMPLEX SUPPORT FACILITY, AND THE
RAIL-TO-ROAD TRANSFER POINT ARE COVERED. HOWEVER,
INTERPRETATION OF TYPE IIID LAUNCH SITES 101, 120, AND
161, TYPE II LAUNCH SITE 3, AND THE COMPLEX SUPPORT
FACILITY IS LIMITED DUE TO PARTIAL CLOUD COVER.
SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED IN
THE RAIL-TO-ROAD TRANSFER POINT. AT LAUNCH SITE 3, A
PROBABLE MISSILE IS POSITIONED IN FRONT OF THE LEFT
READY BUILDING. AT LAUNCH SITE 5, 2 PROBABLE MISSILES
ARE POSITIONED IN FRONT OF THE LEFT READY BUILDING.
LAUNCH SITES 186, 196, 206, AND 236, THE SILO DOOR IS
IN AN OPEN POSITION AND SEVERAL VEHICLES/PIECES OF
EQUIPMENT ARE PARKED NEAR THE SILO. LAUNCH SITE 391 IS
NOW COMPLETE. FOUR VANS/VEHICLES ARE PARKED IN THE

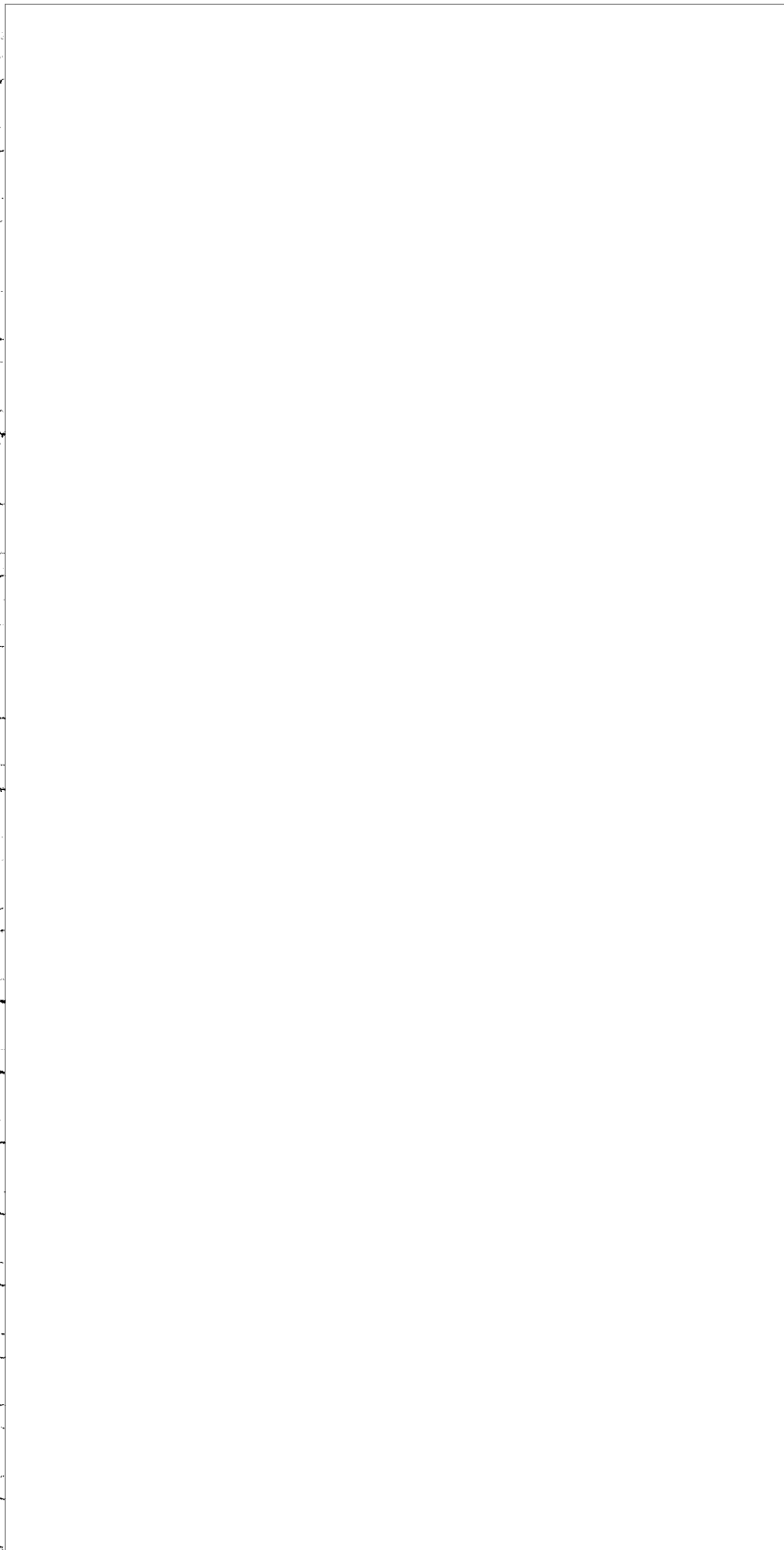
NO OTHER

25X1

SIGNIFICANT ACTIVITY IS OBSERVED. NO NEW MISSILES OR
MISSILE-RELATED ACTIVITY OBSERVED IN THE INTERPRETABLE
PORTIONS OF THE 50-NM SEARCH AREA.
CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE
TYPE IIID LAUNCH SITES ARE AS FOLLOWS --
LAUNCH GROUP G -- ALL 10 SITES ARE COMPLETE. NINE
SITES 07, 12, 13, 15, 18-20, 23, AND 35X ARE
INTERPRETABLE.
LAUNCH GROUP H -- ALL 10 SITES ARE COMPLETE. FIVE
SITES 029, 30, 32, 36, AND 59X ARE INTERPRETABLE.
LAUNCH GROUP I -- ALL 10 SITES ARE COMPLETE. SEVEN
SITES 010, 16, 22, 38, 39, 41, AND 43X ARE
INTERPRETABLE.
LAUNCH SITE 60X IS IN A LATE STAGE OF CONSTRUCTION.

25X1

25X1



TEYKQVO ICBM COMPLEX UR 5652N 04034E
NO NEW MISSILE ACTIVITY OBSERVED IN PORTIONS OF THE

25X1

58-NM SEARCH AREA COVERED ON PHOTOGRAPHY.
THE COMPLEX IS NOT COVERED.

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25X1

KOZELSK ICBM COMPLEX UR 5356N 03549E
THIS TARGET WAS PROGRAMMED FOR COVERAGE ON 7 PASSES.
ONE IS CLOUD COVERED/NOT COVERED.
THIRTY-FIVE OF THE KNOWN 40 TYPE IIID LAUNCH SITES, ALL
5 SS-8 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND
THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE.
THIS TOTAL REFLECTS 6 05 CONFIRMED AND 1 PROBABLE
NEWLY IDENTIFIED TYPE IIID LAUNCH SITES. THESE 6 SITES
ARE ALL ASSOCIATED WITH LAUNCH GROUP J AND BRING ITS
TOTAL TO 9 SITES. SCARRING ACTIVITY IN THE AREA
INDICATES THE POSSIBLE FUTURE LOCATION FOR THE TENTH
AND FINAL SITE IN THIS GROUP. HOWEVER, NO POSITIVE
SIGNATURE IS NOTED. THE NEW SITES ARE DESIGNATED SITES
48J AT 54-10N 035-34E, 49J AT 54-05N 035-36E, 50J AT
54-08N 035-38E, 51J AT 54-13N 035-32E, PROBABLE 52J AT
54-15N 035-36E, AND 53J AT 54-07N 035-43E. SITE 48 IS
THE CONTROL SITE FOR THIS GROUP. SITES 48 AND 50-53
ARE IN AN EARLY STAGE OF CONSTRUCTION. SITE 49 IS IN
THE MID-STAGE OF CONSTRUCTION. THIS REFLECTS A RATHER
RAPID RATE OF CONSTRUCTION AS THE SITE CAN BE NEGATED
ON [REDACTED] AND WAS FIRST SEEN IN A

25X1

SECTION # 06

VERY EARLY STAGE OF CONSTRUCTION ON [REDACTED]
-- A DIFFERENCE OF ONLY 9 DAYS. SITES 48 AND 53
CAN BE NEGATED ON [REDACTED] AND ARE FIRST
SEEN ON [REDACTED] THE REMAINING 3 SITES CAN BE
NEGATED ON [REDACTED] AND ARE FIRST SEEN ON THIS
MISSION.

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25X1
25X1
25X1
25X1

ACTIVITY HAS INCREASED IN THE SS-8 SECTION OF THE
TRANSFER POINT SINCE LAST SEEN ON [REDACTED]

25X1
25X1

THE NUMBER OF PIECES OF EQUIPMENT IS NEARLY
THE SAME AS REPORTED ON [REDACTED] HOWEVER, [REDACTED]

25X1
25X1
25X1

THE NUMBER OF TRANSPORTERS INCREASED TO 8, AND ON
[REDACTED] TO 9. THE COUNT OF RAIL CARS, LARGE PIECES OF
EQUIPMENT, AND SMALL VEHICLES VARIED WITH EACH PASS.
HOWEVER, THE QUANTITY REMAINED EXTENSIVE. ACTIVITY AT
THE RAILHEAD AND STORAGE AREA REMAINED AT A HIGH LEVEL.
A POSSIBLE CONVOY IS NOTED [REDACTED] IT CANNOT BE
DETERMINED WHETHER IT IS ENTERING OR LEAVING THE AREA.
NO SIGNIFICANT ACTIVITY IS OBSERVED AT THE SS-8 SITES.
NO OTHER NEW MISSILE-RELATED ACTIVITY OBSERVED IN
CLOUD-FREE PORTIONS OF THE SEARCH AREA COVERED ON
PHOTOGRAPHY.

25X1

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IIID
LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP G -- 8 OF THE 10 SITES 07, 9-12, 22, 25,
AND 26 ARE INTERPRETABLE. SITES 7, 10, AND 22 ARE NOW
COMPLETE. SITES 9, 11, 12, 25, AND 26 ARE IN LATE
STAGES OF CONSTRUCTION. SITES 8 AND 23 CAN BE
IDENTIFIED ONLY.

LAUNCH GROUP H -- ALL 10 LAUNCH SITES 015-20, 28-30,
AND 39 ARE INTERPRETABLE. SITES 16, 19, 20, 28-30,
AND 39 ARE IN LATE STAGES OF CONSTRUCTION. SITES 15,
17, AND 18 ARE IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP I -- 8 OF THE 10 LAUNCH SITES 032, 35-38,
40, 41, AND 45 ARE INTERPRETABLE AND IN THE MID-STAGE
OF CONSTRUCTION.

LAUNCH GROUP J -- 8 OF THE KNOWN 9 LAUNCH SITES 044 AND
47-53 ARE INTERPRETABLE. SITES 44, 47, AND 49 ARE IN
THE MID-STAGE OF CONSTRUCTION. SITES 42 AND 50-53 ARE

IN THE EARLY STAGE.
TRANSFER POINT SITE -- SITE 46X IS INTERPRETABLE AND IN
THE MID-STAGE OF CONSTRUCTION.

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Page Denied

25X1

SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E
THIS TARGET WAS PROGRAMMED FOR COVERAGE ON 8 PASSES.
SEVEN ARE INTERPRETABLE.
LAUNCH COMPLEXES A AND B, PROBABLE LONG RANGE SAM
LAUNCH COMPLEX 2, MRBM IMPACT AREAS 3 AND 5, AND AMM
IMPACT AREAS 2 AND 4 ARE THE ONLY FACILITIES AT THE
TEST CENTER COVERED. NO NEW MISSILE FACILITIES
OBSERVED.

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25X1

SARY-SHAGAN LAUNCH COMPLEX A 0ZONE AX UR 4625N 07252E
LAUNCH COMPLEX A AND PROBABLE LONG RANGE SAM LAUNCH
COMPLEX 2 WERE PROGRAMMED FOR COVERAGE ON 7 PASSES
DURING THE PERIOD [REDACTED] ON [REDACTED] IS
COMPLETELY CLOUD COVERED. COVERAGE OF THE REMAINING 6
PASSES IS GENERALLY CLEAR, STEREO PHOTOGRAPHY OF GOOD
INTERPRETABILITY WITH WEATHER CONDITIONS LIMITING
INTERPRETATION ON [REDACTED]
A HIGH LEVEL OF MISSILE ACTIVITY CONTINUES AT LAUNCH
SITES 3 AND 4, LAUNCH COMPLEX A, AND AT PROBABLE LONG
RANGE SAM LAUNCH COMPLEX 2. CONSIDERABLE MOVEMENT OF
MISSILES IS OBSERVED SINCE [REDACTED] NO
DURING THE PERIOD FROM [REDACTED] THE MAXIMUM NUMBER
OF MISSILES OBSERVED ON ANY 1 DAY IN THE 2 COMPLEXES IS

25X1

25X1

25X1

25X1

25X1

18-24-9 AT LAUNCH SITE 3, 2 AT LAUNCH SITE 4, 3 IN THE
MISSILE-HANDLING AREA, 7 AT PROBABLE LONG RANGE SAM
LAUNCH COMPLEX 2, AND 1 PROBABLE IN THE MISSILE STORAGE
AND CHECKOUT AREA.

A TABULATION OF MISSILE ACTIVITY IN THE 2 COMPLEXES
FROM JUNE FOLLOWS --
LAUNCH COMPLEX A

25X1

LOCATION
LAUNCH SITE 3
POSITION 1
LAUNCHER
RIGHT DOLLY

1 1 1 1

25X1

SECTION # 09

LEFT DOLLY

POSITION 2

LAUNCHER 1 1 1

RIGHT DOLLY

LEFT DOLLY 1 1*

POSITION 3

LAUNCHER

RIGHT DOLLY

LEFT DOLLY

POSITION 4

LAUNCHER 1 1 1 1 1*

RIGHT DOLLY

LEFT DOLLY

POSITION 5

LAUNCHER 1 1 1 1 1 1

RIGHT DOLLY 1 1 1 1 ** 1

LEFT DOLLY

POSITION 6

LAUNCHER 1 1 1 1*

RIGHT DOLLY 1 1

LEFT DOLLY

PROB MOCKUPS 2 2 2 2 2 2

LAUNCH SITE 4

POSITION 1

LAUNCHER 1***

RIGHT DOLLY 1 1

LEFT DOLLY

POSITION 2

LAUNCHER

RIGHT DOLLY

LEFT DOLLY

POSITION 3

LAUNCHER

RIGHT DOLLY

LEFT DOLLY

POSITION 4

LAUNCHER

RIGHT DOLLY

LEFT DOLLY

POSITION 5

LAUNCHER

RIGHT DOLLY

LEFT DOLLY

POSITION 6

LAUNCHER 1 1 1 1 1 1

RIGHT DOLLY

LEFT DOLLY

MISSILE HAND-

LAUNCH SITE

CHECKOUT AREA 1* 1* 1* 1* 1* 1*
 PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2

LOCATION

25X1

LAUNCH SITE A

POSITION 1

LAUNCHER

RIGHT DOLLY

LEFT DOLLY

POSITION 2

LAUNCHER

RIGHT DOLLY

LEFT DOLLY

POSITION 3

LAUNCHERS

RIGHT DOLLY

LEFT DOLLY

POSITION 4

LAUNCHER

RIGHT DOLLY

LEFT DOLLY

POSITION 5

LAUNCHER

RIGHT DOLLY

LEFT DOLLY

POSITION 6

LAUNCHER

RIGHT DOLLY 1 1 1 1 1 1

LEFT DOLLY

LAUNCH SITE B

POSITION 1

SECTION # 10

LAUNCHER 1

POSITION 2

LAUNCHER

POSITION 3

LAUNCHER

POSITION 4

LAUNCHER 1

POSITION 5

LAUNCHER

POSITION 6

LAUNCHER

* PROBABLE

** UNDETERMINED

*** ON TRANSPORTER

LAUNCH SITE 1 -- NO SIGNIFICANT CHANGE IN EQUIPMENT IS OBSERVED IN LAUNCH SITE 1 SINCE [REDACTED] AND DURING THE PERIOD [REDACTED] EXCEPT FOR A GUIDELINE MISSILE ON THE LAUNCHER AT POSITION 1, AND 2 FAN SONG E RADARS, 13 ASSOCIATED VANS, AND 1 ADDITIONAL PIECE OF EQUIPMENT IN THE GUIDANCE AREA. NO SIGNIFICANT CHANGE IS OBSERVED IN EQUIPMENT PARKED JUST EAST OF POSITION 6 DURING THE SAME PERIOD.

25X1

25X1

LAUNCH SITE 2 -- LAUNCH POSITIONS 2, 5, AND 6 ARE OCCUPIED BY SA-2 LAUNCHERS AND POSITIONS 1, 3, AND 4 ARE UNOCCUPIED. IN THE SEPARATELY FENCED AREA JUST EAST OF THE LAUNCH SITE, ONLY MINOR ACTIVITY IS OBSERVED DURING THIS PERIOD. IN THE GUIDANCE AREA ARE THE FAN SONG E RADAR AND 12 VANS, 1 EQUIPPED WITH AN ANTENNA AND A SECOND ONE WITH A POSSIBLE ANTENNA. THESE ANTENNAS HAVE BEEN RESENT BUT NOT PREVIOUSLY REPORTED. THE ANTENNA APPEARS TO BE MOUNTED SLIGHTLY OFF-CENTER ON A [REDACTED] THE SOUTHERNMOST OF THE

25X1

GROUP IN THE ANTENNA WAS FIRST OBSERVED ON [REDACTED] 25X1
 AND WAS NOT PRESENT ON [REDACTED] 25X1

THE POSSIBLE ANTENNA IS MOUNTED CLOSE TO THE SOUTH END
 OF A [REDACTED] STRUCTURE WHICH APPEARS TO BE 2 VANS 25X1
 ABUTTING. IT IS LOCATED JUST SE OF THE FAN SONG E
 RADAR. TWO VEHICLES WERE OBSERVED IN TRANSIT WITHIN 25X1
 THE SITE ON [REDACTED] 25X1

SITE SUPPORT FACILITY -- VEHICULAR MOVEMENT IS OBSERVED
 DURING THIS PERIOD WITH 10 TO 16 VEHICLES/PIECES OF
 EQUIPMENT PARKED THERE. IN ADDITION, 1 SERVICING 25X1
 VEHICLE WAS SEEN [REDACTED] AND 2 SERVICING 25X1
 VEHICLES ON [REDACTED]

LAUNCH SITE 3 -- ACTIVITY CONTINUES AT LAUNCH SITE 3
 WHERE MISSILES ARE OBSERVED ON EITHER LAUNCHER,
 DOLLIES, OR EACH ONE SIMULTANEOUSLY AT ALL LAUNCH
 POSITIONS EXCEPT POSITION 3/3. A SHORT LIGHT-TONED
 OBJECT IS SEEN ON THE LAUNCHER ON POSITION 3/6 25X1
 [REDACTED] 25X1

ALL LAUNCH POSITIONS EXCEPT POSITION 3/3 ARE
 OCCUPIED BY LAUNCHERS. LAUNCH POSITION 3/3 IS OCCUPIED
 BY A LAUNCHER ON [REDACTED] WITH A TRANSPORTER NEARBY 25X1
 [REDACTED] FROM [REDACTED] THE LAUNCHER MOVED FROM 25X1
 THE LAUNCH POINT TO THE SERVICE ROAD NEARBY. THERE ARE
 2 DOLLIES AT POSITIONS 3/4, 3/5, AND 3/6 ON ALL PASSES.
 NO DOLLIES ARE PRESENT AT POSITIONS 3/1 OR 3/3. ONE
 PIECE OF EQUIPMENT IS ADJACENT TO THE LAUNCHER AT
 POSITION 3/3 [REDACTED] ONE DOLLY IS OBSERVED AT 25X1
 POSITION 3/2 AND AN ADDITIONAL PIECE OF EQUIPMENT IS
 NEAR THE LAUNCHER ON [REDACTED] JUST NORTH OF POSITION 25X1
 3/3, EQUIPMENT CONSISTS OF 2 PROBABLE MOCKUP MISSILES,
 7 LAUNCHERS, 17 MISSILE DOLLIES, 1 MISSILE TRANSPORTER,
 AND SEVERAL OTHER PIECES OF EQUIPMENT. THERE WAS
 LITTLE MOVEMENT OF THIS EQUIPMENT DURING THIS PERIOD.
 BETWEEN [REDACTED] THE WESTERNMOST OF THE 2 25X1
 PROBABLE MOCKUP MISSILES HAD BEEN SHIFTED SLIGHTLY.
 FOUR VANS/GENERATORS REMAIN IN THE CENTRAL AREA DURING
 THIS PERIOD.

LAUNCH SITE 4 -- MISSILE ACTIVITY WAS OBSERVED AT
 LAUNCH POSITIONS 4/1 AND 4/6 ON LAUNCHERS AND DOLLIES
 DURING THIS PERIOD. ON [REDACTED] A MISSILE WAS SEEN ON 25X1
 A TRANSPORTER NEAR THE LAUNCHER AT POSITION 4/1. NO
 MISSILE ACTIVITY OBSERVED AT POSITIONS 4/2 THROUGH 4/5.
 LAUNCHERS OCCUPY ALL POSITIONS EXCEPT POSITION 4/5.
 THE LAUNCHER AT POSITION 4/4 IS ERECTED ON ALL PASSES.
 TWO DOLLIES ARE PRESENT AT POSITIONS 4/1 AND 4/3, 1
 DOLLY AT POSITIONS 4/2 AND 4/4, AND NO DOLLIES AT
 POSITIONS 4/5 AND 4/6. A PROBABLE TRANSPORTER IS ON
 THE ROAD NEAR THE CENTER OF THE SITE ON [REDACTED] 25X1
 ELECTRONIC SITE B AND THE MISSILE-HANDLING AREA -- NO

SECTION # 11

SIGNIFICANT CHANGE IS OBSERVED AT ELECTRONIC SITE B
 SINCE [REDACTED] AND DURING THE PERIOD 25X1
 AT THE MISSILE-HANDLING AREA TO THE EAST, 2 MISSILES
 ARE SEEN IN TANDEM POSITION CLOSE TO THE NORTH END OF
 THE EASTERN OF THE 2 PARALLEL, 215-FT LONG ELEVATED
 RAIL-EQUIPPED STRUCTURES AS OF [REDACTED] AND A SINGLE 25X1
 MISSILE HAS APPEARED CLOSE TO THE NORTH END OF THE
 WESTERN STRUCTURE. THREE CRATES ARE SEEN JUST SW OF
 THESE STRUCTURES ON [REDACTED] 1 CRATE ON [REDACTED] AND NO 25X1
 CRATES FROM [REDACTED] 25X1

LAUNCH SITES 5 AND 6 AND ELECTRONIC SITE C -- NO
 SIGNIFICANT CHANGES ARE OBSERVED IN FACILITIES AT
 LAUNCH SITES 5 AND 6 SINCE [REDACTED] 25X1
 THE TRENCH WHICH ON [REDACTED] WAS OBSERVED TO EXTEND FROM 25X1

THE N/S CABLE LINE NEAR LAUNCH SITE 6 TOWARD THE MISSILE STORAGE AND CHECKOUT AREA HAS BEEN TIED IN WITH THE PRINCIPAL N/S WATER LINE AND HAS ENTERED THE CHECKOUT AREA. NO ADDITIONAL WORK HAS BEEN PERFORMED SINCE [] ON THE SECOND TRENCH EXTENDING FROM THE EAST-CENTRAL PORTION OF THE OUTER FENCE LINE OF LAUNCH SITE 6 TOWARD THE MISSILE STORAGE AND CHECKOUT AREA. AT ELECTRONIC SITE C, THE LARGE ANTENNAS REMAIN ON THE GROUND AT RADAR POSITIONS C-1 AND C-2. AT RADAR POSITION C-3, THE POSSIBLE PROBABLE LONG RANGE SAM ENGAGEMENT RADAR IS STILL INCOMPLETE. BETWEEN []

25X1

A SERVICING VEHICLE LEFT THE NEW PAD ADJACENT TO THE CENTRAL CONTROL BUILDING AND A SIMILAR ONE APPEARED ADJACENT TO THIS RADAR. BETWEEN COVERAGE OF [] THE VANS ON THE PAD AT POSITION C-3 REMAINED UNCHANGED IN NUMBER, BUT SHIFTED LOCATION. NO CHANGE IS APPARENT IN FACILITIES AT THE CONTROL CENTER SINCE [] EXCEPT THAT WORK IS APPARENTLY BEING PERFORMED ON THE ROOF OF THE WESTERN WING OF THE CENTRAL CONTROL BUILDING. THE PROBABLE LONG RANGE SAM ENGAGEMENT RADAR AND THE 9 PROBABLE ELECTRONIC VANS REMAIN ON THE PAD ADJACENT TO THE NW CORNER OF THE CENTRAL CONTROL BUILDING, ESSENTIALLY AS SEEN []

25X1
25X1

25X1

25X1

25X1
25X1

ELECTRONIC SITE D -- NO SIGNIFICANT CHANGE IS OBSERVED SINCE []

25X1

ELECTRONIC SITE E -- MOVEMENT OF THE RADAR IS NOTED DURING THIS PERIOD. ON [] THE SITE CONSISTED OF 2 BAR LOCK RADARS ONE TOWER-MOUNTED AND ONE ON THE GROUND, ONE TOWER-MOUNTED PROBABLE BIG BAR RADAR, AND ONE UNOCCUPIED TOWER. BY [] THE PROBABLE BIG BAR RADAR WAS ON THE GROUND ADJACENT TO THE NORTHERN TOWER. FROM [] THE 2 BAR LOCK RADARS WERE OBSERVED ON THE 2 NORTHERN TOWERS, THE SOUTHERN TOWER WAS UNOCCUPIED, AND THE PROBABLE BIG BAR RADAR WAS NOT PRESENT. TWENTY-FIVE VEHICLES/VANS REMAINED AT THE SITE DURING THIS PERIOD.

25X1

25X1

25X1

ELECTRONIC SITE F -- THE 2 BACK NET RADARS REMAIN AT THE SAME LOCATIONS AS SEEN ON [] TWO PROBABLE SIDE NET RADARS ARE PRESENT, BUT NOT ON THE PREPARED POSITIONS. THESE RADARS WERE PROBABLY PRESENT ON 27 MAY. DURING THIS PERIOD, VEHICLES/VANS AT THE SITE DECREASED IN NUMBER FROM 26 TO 19.

25X1

MISSILE STORAGE AND CHECKOUT AREA -- WORK CONTINUES ON THE 80 X 20-FT EXTENSION TO THE EASTERNMOST MISSILE STORAGE/HANDLING BUILDING. IN ADDITION, A SHORT EXTENSION IS OBSERVED ON THE SOUTHERNMOST MISSILE CHECKOUT BUILDING. THIS COULD FIRST BE DETECTED ON PHOTOGRAPHY OF [] ADDITIONAL TRENCHING HAS OCCURRED WITHIN THE SITE. THE TRENCH FROM THE N/S WATER LINE HAS ENTERED THE SITE AREA AND PARALLELS THE EAST BOUNDARY. NO SIGNIFICANT CHANGE IS OBSERVED IN THE EQUIPMENT AND CRATES PRESENT ON [] THE PROBABLE LONG RANGE SAM PRESENT ON [] IS STILL LOCATED IN THE FACILITY.

25X1

25X1
25X1

HEADQUARTERS AND ADMINISTRATION AREA -- NO SIGNIFICANT CHANGES ARE OBSERVED IN FACILITIES. VEHICLES OBSERVED ON ANY ONE DAY RANGED FROM APPROXIMATELY 55 TO 75. SAM ON-SITE SUPPORT FACILITY -- NO SIGNIFICANT CHANGE IS OBSERVED IN FACILITIES.

AIRSTRIPE -- NO CHANGE IS OBSERVED IN FACILITIES AND NO AIRCRAFT ARE OBSERVED.

PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2 -- LAUNCHERS ARE OBSERVED AT ALL LAUNCH POSITIONS OF LAUNCH SITE 1 AND B, EXCEPT AT POSITION B/2. THE LAUNCHERS ARE ERECTED AT POSITIONS B/2, B/4, AND B/6 ON []

25X1

SECTION # 12

MISSILES ARE SEEN AT POSITIONS A/6, B/1, AND B/4. THERE ARE 2 DOLLIES AT ALL 12 POSITIONS. THOSE AT SITE B REMAIN COVERED AND IN MOST INSTANCES ARE NOT YET PROPERLY ALIGNED. MISSILE TRANSPORTERS ARE SEEN AT POSITION A/4 ON [REDACTED] AT POSITION A/6 ON [REDACTED] AND AT POSITION B/4 ON [REDACTED] RAILS HAVE NOT YET BEEN CONSTRUCTED AT SITE B, ALTHOUGH THERE MAY BE EVIDENCE OF RAIL CONSTRUCTION AT POSITIONS B/1 AND B/6. THE ENGAGEMENT RADARS REMAIN IN THE ASSOCIATED TRACKING/GUIDANCE RADAR FACILITY. NO SIGNIFICANT CHANGES ARE OBSERVED IN THE BACK NET/SIDE NET AIR WARNING SITE TO THE NE OR IN THE 2 NEARBY UNIDENTIFIED SITES.

25X1

25X1

25X1

SARY-SHAGAN LAUNCH COMPLEX B @ZONE B# UR 4559N 07231E THIS TARGET WAS PROGRAMMED FOR COVERAGE ON 7 PASSES. ONE IS CLOUD COVERED. THE OTHER 6 ARE OF GENERALLY GOOD INTERPRETABILITY AND COVER THE COMPLEX ON 6 JUNE AND

25X1

NO MAJOR CHANGES IN FACILITIES ARE OBSERVED THROUGHOUT THE COMPLEX. AT LAUNCH FACILITY C, A SMALL @DIAMETER

25X1

PROBABLE ENVIRONMENTAL DOME IS IDENTIFIED APPROXIMATELY 375 FT SOUTH OF THE SW CORNER OF THE LARGE TRIAD BUILDING. IT WAS NOT PRESENT ON MISSION AND WAS POSSIBLY PRESENT ON

25X1

25X1

A GALOSH CANISTER IS ENGAGED, BUT NOT RAISED, IN THE ERECTOR AT LAUNCH POSITION C-2 ON ALL 6 DAYS OF COVERAGE. LAUNCH POSITION C-3, PREVIOUSLY UNDER CONSTRUCTION, IS PROBABLY COMPLETE. BOTH ERECTOR ARMS ARE PRESENT ALONG WITH VEHICLE INDICES.

THE 3 SMALL CONSTRUCTION SUPPORT BUILDINGS IN THE SW CORNER OF LAUNCH FACILITY C HAVE BEEN REMOVED SINCE

25X1

CABLE TRENCHING PREVIOUSLY OBSERVED TO BE COVERED CAN NOW BE SEEN TO BE REOPENED BETWEEN LAUNCH POSITIONS C-1, C-2, AND TRIAD BUILDING B. THE RETRENCHING BEGAN BETWEEN

25X1

25X1

AT LAUNCH FACILITY B, 2 UNIDENTIFIED PIECES OF MISSILE HANDLING EQUIPMENT REMAIN PARKED ON THE EAST EDGE OF LAUNCH PAD B-2 ON ALL 6 DAYS.

THREE PROBABLE ELECTRONIC VANS REMAIN PARKED AT INSTRUMENTATION SITE B-1 ON ALL 6 DAYS. ON

25X1

POSSIBLE MISSILE TRANSPORTER IS PARKED IN THE MISSILE ASSEMBLY/CHECKOUT AREA. ON

25X1

25X1

ALL 6 LAUNCH POSITIONS AT THE SA-2 SAM SITE ARE OCCUPIED BY LAUNCHERS AND 4 LAUNCHERS HAVE SA-2 MISSILES MOUNTED ON 4 LAUNCHERS. ONLY 3

25X1

OF THE 6 LAUNCHERS ARE OCCUPIED BY SA-2 MISSILES. IN THE COMPLEX SUPPORT AREA WATER STORAGE FACILITY, THE SECOND LARGE WATER TANK BEING ADDED IS NOW COVERED. BOTH TANKS APPEAR COMPLETE, BUT ARE NOT EARTH COVERED AS ARE THE 2 SMALLER ORIGINAL TANKS.

25X1

25X1

25X1

SEVERODVINSK NAVAL BASE AND SHIPYARD 402 UR 6434N 03949E
 OB -- LAUNCH BASIN 00RY -- ONE 402/B-SS PREVIOUSLY
 REPORTED AS UNIDENTIFIED LARGE SS APPROXIMATELY 427 FT
 LENGTH OVERALL, BOW-TO-SAIL DISTANCE APPROXIMATELY 87
 FT, SAIL-TO-STERN DISTANCE APPROXIMATELY 205 FT BOTH
 EXTREMITY-TO-SAIL VALUES ARE VERY CLOSE TO H-II-SSBN
 VALUES AND THE EXTREMITIES ARE QUITE SIMILAR TO
 H-II-SSBN IN APPEARANCE. THE SAIL LENGTH AT DECKLINE
 IS APPROXIMATELY 135 FT WITH A CUT-DOWN AREA OF 70-PLUS
 FT NEAR THE CENTER OF THE STRUCTURE. NO MISSILE TUBES
 ARE OBSERVED AT THIS TIME. ONE AT AND 1 UNIDENTIFIED
 AUXILIARY ARE ALSO PRESENT.
 FITTING-OUT QUAY, MAIN YARD -- 1 E-II-SSGN IN FLOATING
 DOCK, 3 PROBABLE N-SSN 01 IN FLOATING DOCK, 1 AT, AND
 4 BARGES.
 WEST BASIN -- 1 J-SSG, 1 KRESTA-DLGM, 1 TRANSPORTER

SECTION # 13

DOCK, AND 11 UNIDENTIFIED SMALL SURFACE VESSELS. IN
 ESTUARY -- ONE 402/A-SSB PREVIOUSLY REPORTED AS A
 U-BALLISTIC MISSILE SUBMARINE IN COMPANY WITH 1
 FLOATING CRANE, 3 SMALL VESSELS, 1 BARGE, AND 2 RAFTS.
 NUCLEAR SUBMARINE SPECIAL SUPPORT FACILITY -- 1 N-SSN.
 NAVAL BASE PIERS -- 4 UNIDENTIFIED SURFACE VESSELS.
 SHIP REPAIR YARD QUAY -- 1 H-II-SSBN SCAFFOLDED SAIL,
 1 G-II-SSB, 1 G-SSB SAIL AT LEAST PARTIALLY REMOVED,
 1 Z-SS, 1 W TWIN-CYLINDER-SSG, 1 BOLVA-APL, 1 ZEYA
 YRSN, 1 BUSSARD-AKL, 3 AT, 1 FLOATING CRANE, 1 YAGT, 2
 SMALL VESSELS INBOARD OF SCREENS, AND SEVERAL BARGES.
 IN WET BASIN -- 1 H-SSBN, 1 N-SSN, 1 G-SSB, AND 2
 BARGES WITH CONNECTING LINES TO THE H AND N.
 EAST QUAY -- 1 ZEYA YRSN, 1 CATAMARAN, 1 AT, 1 MERCHANT
 SHIP, 1 FLOATING CRANE, AND A BARGE.
 NEW QUAY -- 1 MERCHANT SHIP.
 THE NEW PIER APPEARS COMPLETE, A COVERED REPAIR WAY IS
 BEING WALLED IN ON THE SOUTH SIDE, AND CONSTRUCTION
 CONTINUES ON THE NEW FABRICATION BUILDING WITH THE ROOF
 NEARLY COMPLETE.

25X1
25X1

MOSKVA ABM SEARCH AREA UR 5545N 03737E
 THIS TARGET WAS PREDICTED FOR COVERAGE ON 8 PASSES.
 TWO ARE CLOUD COVERED.
 A POSSIBLE ABM SUPPORT FACILITY IS IDENTIFIED AT 55-18N
 036-33E, APPROXIMATELY 6.5 NM NNE OF BOROVSK, USSR.
 SEE MISSILE NO COMOR.

25X1

MOSKVA ABM LAUNCH COMPLEX E24 UR 5521N 03629E
 THIS TARGET WAS PROGRAMMED FOR COVERAGE ON 8 PASSES.
 FOUR ARE CLOUD COVERED/NOT COVERED.
 TRIAD 1 -- THE PRESENCE OF A GALOSH LAUNCHER/ERECTOR AT
 EACH OF THE 8 LAUNCH POSITIONS IS NOW CONFIRMED. THE
 LAUNCHERS/ERECTORS APPEAR TO BE COMPLETE, BUT ARE
 UNOCCUPIED AT THIS TIME. THE MECHANISMS ARE ROTATED IN
 SEVERAL AZIMUTHAL POSITIONS. WHAT APPEARS TO BE
 LANDSCAPING OF A SMALL AREA HAS TAKEN PLACE ADJACENT TO
 BUILDING C.
 TRIAD 2 -- ASSEMBLY OF THE FIRST SECTIONS OF THE

25X1

RADOMES ON THE GROUND APPEARS TO BE COMPLETE, ADJACENT TO BUILDINGS A, B, AND C. IN ADDITION, THE CAPPING SECTION FOR THE BUILDING 6 RADOME HAS BEEN BROUGHT 1. AND HAS BEEN PLACED WITHIN THE RADOME SECTION, PROBABLY FOR STORAGE. AN IRREGULARLY SHAPED STRUCTURE IS PRESENT WITHIN THE CIRCULAR BASES FOR THE RADOMES ON BUILDINGS B AND C. THE STRUCTURE, AS MEASURED ON BUILDING C, IS APPROXIMATELY 30 FT HIGH AND APPROXIMATELY [REDACTED] AT WHAT IS POSSIBLY ITS WIDEST POINT. IT APPEARS TO TAPER TO A NARROWER, ALTHOUGH UNDETERMINED, WIDTH AT ITS BASE. WHEN VIEWED FROM SLIGHTLY DIFFERENT PERSPECTIVES, THE STRUCTURES APPEAR TO HAVE AT LEAST 3 POSSIBLE PROJECTIONS DISCERNIBLE ON THE MAIN STRUCTURE NEAR THE TOP. THE PROJECTIONS HAVE A WIDTH OF APPROXIMATELY 10 FT, BUT THE EXACT SHAPE CANNOT BE DETERMINED. IT CANNOT BE ESTABLISHED AT THIS TIME WHETHER THESE STRUCTURES ARE EITHER COMPLETE OR PARTIALLY ASSEMBLED ANTENNAS, OR IF THEY ARE ONLY THE MOUNTS FOR ANTENNAS WHICH HAVE YET TO BE INSTALLED. THE INSIDE DIAMETER OF THE CIRCULAR BASE FOR THE RADOME IS APPROXIMATELY [REDACTED] THE MAXIMUM DIAMETER OF THE RADOME SECTION ON THE GROUND ADJACENT TO BUILDING C IS APPROXIMATELY [REDACTED] THE HEIGHT OF A COMPLETED RADOME, ON BUILDINGS B AND C IN TRIAD 1, IS APPROXIMATELY [REDACTED] FT. CONSTRUCTION OF LAUNCH POSITIONS DOES NOT APPEAR TO HAVE STARTED IN THE TRIAD 2 AREA. A BUILDING, APPROXIMATELY 155 X 115 FT, IS UNDER CONSTRUCTION ADJACENT TO THE T-SHAPED EARTH-MOUNDED BUILDING. IT APPEARS THAT THIS BUILDING MAY BE DIVIDED INTO APPROXIMATELY 20-FT-WIDE COMPARTMENTS ALONG ITS MAJOR DIMENSION. SOME ADDITIONAL CONSTRUCTION ACTIVITY IS UNDERWAY IN A WOODED AREA ON THE OPPOSITE SIDE OF THE ENTRANCE ROAD TO THE COMPLEX. IN THE SUPPORT AREA, OUT OF A TOTAL OF 11 MULTISTORY APARTMENT-TYPE BUILDINGS, 9 APPEAR TO BE EXTERNALLY COMPLETE AND 2 ARE IN THE MID-STAGE OF CONSTRUCTION. NO OTHER SIGNIFICANT CHANGE

25X1

25X1

25X1

25X1

SECTION # 14

OBSERVED. NO MISSILES ARE IDENTIFIED WITHIN THE COMPLEX.

25X1

[REDACTED]

MOSKVA ABM LAUNCH COMPLEX E31 UR 5607N 03629E [REDACTED]

THIS TARGET WAS PROGRAMMED FOR COVERAGE ON 6 PASSES. THREE ARE CLOUD COVERED/NOT COVERED.

TRIAD 1 -- CONSTRUCTION HAS BEEN STARTED ON THE WING STRUCTURES AT EACH CORNER ON THE NW SIDE OF BUILDING A, ALTHOUGH THAT SIDE OF THE BUILDING APPEARED TO BE COMPLETE ON [REDACTED] AT THIS TIME THE STRUCTURES APPEAR TO BE IN AN EARLY TO MID-STAGE OF COMPLETION.

TRIAD 2 -- THE WALLS OF THE PRINCIPAL BUILDINGS APPEAR TO HAVE BEEN COMPLETED SINCE [REDACTED] A PROBABLE FOUNDATION EXCAVATION FOR A WING STRUCTURE IS PRESENT AT ONE CORNER ON THE NW SIDE OF THE BUILDING. THE PLATFORM/PEDESTAL FOR THE RADAR HAS BEEN AT LEAST PARTIALLY ERECTED ON BUILDING A IN BOTH TRIADS. ASSEMBLY OF THE RADAR MOUNT ITSELF DOES NOT YET APPEAR TO BE UNDERWAY. NUMEROUS RECTANGULAR, LIGHT-TONED PANELS ARRANGED IN LINEAR PATTERNS ARE OBSERVED ON THE GROUND IN SEVERAL AREAS OF THE COMPLEX. THE LOCATION AND POSITIONING OF THESE PANELS, PARTICULARLY BETWEEN

25X1

25X1

25X1

BUILDINGS B AND C IN TRIAD 2, SUGGEST THAT THEY MAY BE PART OF PRECAST SECTIONS OF A CONDUIT. CONSTRUCTION OF LAUNCH POSITIONS DOES NOT APPEAR TO HAVE BEEN STARTED WITHIN THE COMPLEX AT THIS TIME.

IN THE SUPPORT AREA, OUT OF A TOTAL OF 11 MULTISTORY APARTMENT-TYPE BUILDINGS, 7 APPEAR COMPLETE, 1 IS IN A LATE STAGE OF CONSTRUCTION, AND 3 ARE IN EARLY STAGES OF CONSTRUCTION. SEVERAL ADDITIONAL RELATIVELY LARGE BUILDINGS APPEAR TO HAVE BEEN COMPLETED SINCE DEC 66.

25X1

LENINGRAD PROB LR SAM LCH CPLX SEARCH UR 5955N 03020E ONLY A SMALL SEGMENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH HEAVY CLOUD COVER. NO AMM/SAM LAUNCH OR ELECTRONIC FACILITIES OBSERVED IN CLOUD-FREE AREAS.

25X1

BRATSK SUSPECT ABM AREA UR 5654N 10030E A SMALL SEGMENT OF THE SEARCH AREA IS COVERED ON CLOUD-FREE PHOTOGRAPHY. NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED.

25X1

25X1

CHERPOVETS PROB LONG RANGE SAM LCH CPLX UR 5906N 03810E THIS TARGET WAS PROGRAMMED FOR COVERAGE ON 7 PASSES. ONE IS CLOUD COVERED AND CAN BE IDENTIFIED ONLY.

25X1

25X1

SIGNIFICANT ACTIVITY OBSERVED AT THE COMPLEX DURING THE PERIOD OF THIS MISSION INCLUDES THE APPEARANCE OF MISSILES ON TRANSPORTERS WITHIN THE MISSILE-HANDLING FACILITY, A MISSILE TRANSPORTER AND A PROBABLE CRANE LOCATED ADJACENT TO THE LAUNCH POINT AT POSITION B-5, AND A MISSILE ON THE LAUNCHER AT POSITION B-1. ONLY A PORTION OF LAUNCH SITE D IS DISCERNIBLE THROUGH HEAVY CLOUD COVER ON AND THE COMPLEX IS COMPLETELY CLOUD COVERED ON PHOTOGRAPHY OF VARIOUS POSITIONS OF THE COMPLEX ARE VISIBLE THROUGH SCATTERED CLOUDS, CLOUD SHADOW, AND HAZE ON PHOTOGRAPHY

25X1

25X1

THE ENTIRE COMPLEX IS OBSERVED ON STEREO PHOTOGRAPHY WITH INTERPRETATION SOMEWHAT LIMITED BY HAZE. EACH LAUNCH POSITION OF THE 5 LAUNCH SITES IS OCCUPIED BY A LAUNCHER AND 2 MISSILE DOLLIES ARE OBSERVED EXCEPT AT CERTAIN POSITIONS WHERE MISSILE-READY SHELTERS PROBABLY COVER THEM. THE CONTROL CENTERS OF THE 5 SITES ARE OCCUPIED.

25X1

25X1

A MISSILE TRANSPORTER IS LOCATED ADJACENT TO THE LAUNCH POINT AT POSITION B-5 ON A PROBABLE CRANE IS LOCATED BETWEEN THE TRANSPORTER AND THE LAUNCHER. A MISSILE WAS PROBABLY ON THE LAUNCHER AT THIS TIME. ONE OF THE MISSILE DOLLIES IS AT ITS USUAL LOCATION AT THE OPPOSITE END OF THE POSITION.

25X1

THE TRANSPORTER AND POSSIBLE CRANE WERE REMOVED, A MISSILE WAS ON THE LAUNCHER, AND 2 MISSILE DOLLIES WERE AT THEIR NORMAL LOCATION. A VEHICLE, OBSERVED IN MOTION ON THE STEREO COVERAGE OF TRAVELED FROM

25X1

25X1

25X1

SECTION # 15

THE SERVICE ROAD OF LAUNCH POSITION B-1 TO A POINT OVER THE TRACKS DIRECTLY IN FRONT OF THE MISSILE-READY SHELTER. IT WAS NOT AT THIS LOCATION ON A SIMILAR VEHICLE WAS PARKED ON THE TRACKS PERPENDICULAR TO THE 2 MISSILE DOLLIES AT LAUNCH POSITION C-1 AND WAS REMOVED A MISSILE OBSERVED ON THE LAUNCHER AT POSITION B-1 ON IS PROBABLY PRESENT ON THE EARLIER PHOTOGRAPHY.

25X1

25X1

25X1

25X1

MOVEMENT OF MISSILE BOLLIES OCCURRED AT SOME OF THE LAUNCH POSITIONS DURING THE PERIOD OF OBSERVATION AND VEHICLES IN MOTION WERE OBSERVED ON LAUNCH SITE SERVICE ROADS. THREE COVERED MISSILES ON TRANSPORTERS, 1 IN MOTION, ARE ON THE ROAD ALONG THE EASTERN SIDE OF THE MISSILE-HANDLING FACILITY ON [REDACTED] THEY WERE NOT OBSERVED ON THE EARLIER COVERAGE. VEHICLES/PIECES OF EQUIPMENT ARE PARKED ON THE APRONS SERVING BUILDINGS IN THE MISSILE-HANDLING FACILITY. CONSIDERABLE VEHICULAR MOVEMENT IS EVIDENT DURING THE PERIOD. TWELVE TENTS ALIGNED IN 2 ROWS ARE LOCATED JUST SOUTH OF LAUNCH SITE C.

25X1

THE TRACKING/GUIDANCE RADAR FACILITY IS FULLY COMPLEMENTED WITH AN ENGAGEMENT RADAR AND ASSOCIATED VANS/PIECES OF EQUIPMENT AT EACH OF THE 5 RADAR POSITIONS AND VANS/PIECES OF EQUIPMENT OCCUPY THE CONTROL CENTER. REPETITIVE COVERAGE OF THIS FACILITY IS LIMITED, BUT NO SIGNIFICANT CHANGE IS DETECTABLE BETWEEN [REDACTED] A PROBABLE CALIBRATION TOWER IS LOCATED JUST SE OF THE TRACKING/GUIDANCE FACILITY. BACK NET AND SIDE NET RADARS STILL OCCUPY THE AIR WARNING RADAR FACILITY LOCATED 4 NM WNW OF THE LAUNCH COMPLEX.

25X1

NEW UNIDENTIFIED CONSTRUCTION ACTIVITY IS CURRENTLY UNDERWAY APPROXIMATELY 3.5 NM WNW OF THE LAUNCH COMPLEX. A RECTANGULAR STRUCTURE, MEASURING APPROXIMATELY 100 X 20 FT WHEN OBSERVED ON PHOTOGRAPHY OF [REDACTED] IS UNDER CONSTRUCTION WITHIN A 145 X 60-FT EXCAVATION BORDERED BY FOOTINGS. ADDITIONAL FOOTINGS AND EXCAVATIONS ARE LOCATED JUST EAST OF THIS AREA. ANOTHER AREA OF GROUND SCARRING IS LOCATED APPROXIMATELY 700 FT EAST OF THE NEW CONSTRUCTION.

25X1

25X1

NIZHNIY TAGIL PROB LONG RANGE SAM LCH CPLX UR 5805N 06053E [REDACTED]

25X1

THIS IS THE FIRST LARGE SCALE COVERAGE SINCE MISSION [REDACTED] NO APPARENT CHANGE IS DISCERNIBLE

25X1

SINCE PREVIOUS COVERAGE OF [REDACTED] AND NO SIGNIFICANT CHANGE HAS OCCURED SINCE FEB 67. SOME CHANGES OBSERVED SINCE [REDACTED] MAY HAVE BEEN PRESENT, BUT WERE OBSCURED BY SNOW COVER IN FEB 67. THE COMPLEX REMAINS IN THE MID-STAGE OF CONSTRUCTION. NO APPARENT CHANGE IS DISCERNIBLE BETWEEN THE 2 PASSES OVER THE COMPLEX.

25X1

25X1

NO SIGNIFICANT CHANGE IS OBSERVED AT THE LAUNCH AREA SINCE [REDACTED] ALTHOUGH NO RAILS ARE DISCERNIBLE, RAIL BEDS APPEAR COMPLETE AT LAUNCH SITES A AND B AND AT LAUNCH POSITIONS C5 AND C6. A CONCRETE APRON IS LOCATED AT ALL LAUNCH POINTS OF LAUNCH SITES A AND B. UNIDENTIFIED OBJECTS WHICH DO NOT APPEAR TO BE LAUNCHERS ARE AT LAUNCH POINTS A2, A3, C1, AND C6. APPROXIMATELY 12 VEHICLES/PIECES OF EQUIPMENT ARE ADJACENT TO THE TRACKING/GUIDANCE FACILITY. NO OTHER SIGNIFICANT CHANGE IS OBSERVED.

25X1

AT THE MISSILE-HANDLING FACILITY, 2 WALLS OF A DRIVE-THROUGH BUILDING HAVE BEEN ERECTED SINCE FEB 67. A SMALL STRUCTURE HAS BEEN COMPLETED IN THE SUPPORT AREA SINCE FEB 67, AND WALLS FOR ANOTHER STRUCTURE ARE OBSERVED. CONSTRUCTION ACTIVITY MAY BE INCREASING AS INDICATED BY THE NUMEROUS VEHICLES/PIECES OF EQUIPMENT IN THE SUPPORT AREA.

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1

NIZHNYAYA TURA PROB LR SAM LAUNCH CPLX UR 5847N 05953E
THIS TARGET WAS PROGRAMMED FOR COVERAGE ON 5 PASSES.
ONE IS CLOUD COVERED.

25X1

SECTION # 16

THE COMPLEX REMAINS IN THE MID-STAGE OF CONSTRUCTION.
THE ONLY SIGNIFICANT CHANGES OBSERVED AT THE COMPLEX
SINCE [REDACTED] ARE AT THE LAUNCH AREA AND
THE MISSILE-HANDLING FACILITY.

25X1

A CANOPY HAS BEEN CONSTRUCTED OVER THE MISSILE DOLLY
POSITIONS AT A6 SINCE [REDACTED] CONSTRUCTION OF
CANOPIES AT A2 AND B3 HAVE BEEN NEWLY BEGUN SINCE
[REDACTED] A SIMILAR CANOPY WAS UNDER CONSTRUCTION
ON [REDACTED] BUT NOT PREVIOUSLY REPORTED.

25X1

CONSTRUCTION OF A NEW CANOPY WAS STARTED AT A5 BETWEEN
[REDACTED] CONSTRUCTION CONTINUED ON THE CANOPIES
ON PASSES OF [REDACTED] ONLY CANOPIES AT A6 AND
B2 ARE COMPLETE.

25X1

25X1

25X1

25X1

AT THE MISSILE-HANDLING FACILITY, MOST OF THE ROOF WAS
REMOVED FROM ONE OF THE DRIVE-THROUGH BUILDINGS BETWEEN
[REDACTED] AND WAS REPLACED BY [REDACTED]

25X1

NO SIGNIFICANT CHANGE IS OBSERVED AT THE
TRACKING/GUIDANCE FACILITY AND THE SUPPORT AREA SINCE
[REDACTED] OR ON REPETITIVE PASSES ON THIS MISSION.
A BUILDING UNDER CONSTRUCTION ALONG THE COMPLEX SERVICE
ROAD NOW HAS 3 WALLS.

25X1

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1

KIMRY PROB LONG RANGE SAM LCH CPLX UR 5646N 03720E
THIS TARGET WAS PROGRAMMED FOR COVERAGE ON 6 PASSES.
TWO ARE CLOUD COVERED.

25X1

CONSTRUCTION STATUS OF SITES B AND C IS ESSENTIALLY THE
SAME. CONCRETE APRONS HAVE BEEN POURED FOR THE 6
LAUNCH POSITIONS AND CABLE SCARS ARE OBSERVED EXTENDING
FROM THE CENTRAL CONTROL REVETMENTS TO ALL 6 LAUNCH
POSITIONS AT SITES B AND C. DARK UNIDENTIFIED OBJECTS,
POSSIBLY PILES OF AGGREGATE/SURFACING MATERIAL, ARE
NEAR THE LAUNCH POSITIONS AT SITES B AND C. AT SITE A,
IT APPEARS THAT BEDS HAVE BEEN PREPARED FOR RAIL
INSTALLATIONS AT POSITIONS 2, 3, AND 5, AND CABLE SCARS
EXTEND TO POSITIONS 1, 2, 4, 5, AND 6 FROM THE CENTRAL
CONTROL REVETMENT. CABLE SCARS EXTEND FROM ALL 3
LAUNCH SITES TO THE TRACKING/GUIDANCE FACILITY. TWO OF
THE RADAR MOUNDS HAVE A SQUARED WHITE AREA, PROBABLY
CONCRETE, ATOP THEM FOR THE TRACKING/GUIDANCE RADAR. A
LARGE BUILDING BETWEEN THE MISSILE-HANDLING FACILITY
AND LAUNCH SITE A APPEARS NEARLY EXTERNALLY COMPLETE.
SIX UNIDENTIFIED OBJECTS AND FOUNDATIONS CONSTRUCTED
FOR A NEW BUILDING ARE LOCATED IN THE MISSILE-HANDLING
FACILITY. A NEW CLEARING BETWEEN THE SUPPORT AREA AND
THE MISSILE-HANDLING FACILITY HAS 2 SMALL BUILDINGS
UNDER CONSTRUCTION.

THE AIR WARNING FACILITY REMAINS UNOCCUPIED. NO
MISSILES OR MISSILE-RELATED EQUIPMENT ARE DISCERNIBLE.
DAY-TO-DAY CHANGES OBSERVED -- A PIECE OF EQUIPMENT AT
POSITION A-4 WAS PRESENT [REDACTED] AND GONE ON [REDACTED]

25X1

25X1

A PIECE OF EQUIPMENT OBSERVED IN THE CENTRAL
CONTROL REVETMENT OF 11 JUNE WAS NOT THERE ON 12 JUNE.

25X1

PLESETSK PROB LONG RANGE SAM LAUNCH CPLX UR 6312N 04109E
 THE COMPLEX IS CLOUD COVERED.
 THE PREVIOUSLY IDENTIFIED POSSIBLE AIR WARNING RADAR
 FACILITY 4.5 NM SOUTH OF THE COMPLEX CAN NOW BE
 CONFIRMED. THE FACILITY CONSISTS OF 3 UNOCCUPIED RADAR
 MOUNDS AND 1 RADAR MOUND UNDER CONSTRUCTION.
 PHOTOGRAPHIC REFERENCE IS FOR THE AIR WARNING RADAR
 FACILITY --

25X1

TUMSK PROB LONG RANGE SAM LAUNCH COMPLEX UR 5636N 08433E
 THE FOLLOWING CHANGES OR ADDITIONS ARE OBSERVED SINCE
 MISSION 1041, MAY 67 -- NEWLY IDENTIFIED AT LAUNCH SITE
 A ARE 2 RECTANGULAR EXCAVATIONS IN THE VICINITY OF
 POSITION A-2 AND 1 AT THE CENTRAL CONTROL AREA. AT
 SITE B, VEHICLES/PIECES OF EQUIPMENT ARE DISCERNIBLE AT
 POSITIONS B-1, B-5, SOUTH OF THE CENTRAL CONTROL AREA AT
 WHICH PRELIMINARY GROUND WORK IS UNDERWAY, AND IN THE
 AREA SOUTH OF THE SITE. A LINEAR STRIATION, POSSIBLY A
 CABLE TRENCH, EXTENDS FROM THE LAUNCH POINT AT
 POSITIONS B-4, B-5, B-6, AND C-4 TOWARD THE CENTER OF

25X1
25X1

SECTION # 17

THE SITE. AN EARTHEN MOUND IS PRESENT AT THE CENTRAL
 CONTROL AREA OF LAUNCH SITE C. SIX LARGE BUILDINGS 03
 NEWLY IDENTIFIED AND AT LEAST 6 SMALL STRUCTURES IN
 VARIOUS STAGES OF CONSTRUCTION ARE PRESENT IN THE
 SUPPORT AREA NORTH OF LAUNCH SITE A. NUMEROUS
 VEHICLES/PIECES OF EQUIPMENT AND BUILDING MATERIALS ARE
 LOCATED IN THIS AREA.

A NEWLY IDENTIFIED CONSTRUCTION AREA IS LOCATED EAST OF
 THE MISSILE-HANDLING FACILITY ADJACENT TO THE COMPLEX
 PERIMETER ROAD. AT THE TRACKING/GUIDANCE FACILITY, A
 SMALL STRUCTURE IS PRESENT AT THE CENTRAL CONTROL AREA
 AND VEHICLES/PIECES OF EQUIPMENT ARE DISCERNIBLE TO THE
 SOUTH. VEHICLES/PIECES OF EQUIPMENT ARE DISCERNIBLE ON
 2 OF THE RADAR MOUNDS AND POSSIBLY THE THIRD. AT LEAST
 5 SUPPORT BUILDINGS AND NUMEROUS VEHICLES/PIECES OF
 EQUIPMENT ARE AT THE SW EDGE OF THE COMPLEX. NO
 MISSILES ARE DISCERNIBLE.

25X1

WU-SHA-TA-LA SAM SITE A15-2 CH 4200N 05714E
 EACH OF THE 6 FENCED LAUNCH POSITIONS CONTAINS AN SA-2
 LAUNCHER. THE UNREVETTED GUIDANCE AREA INCLUDES A FAN
 SONG 0PROBABLE B/C-TYPE, 7 TRUCK VANS, AND 5 VAN
 TRAILERS. FOUR BUILDINGS AND 43 TENTS ARE LOCATED
 APPROXIMATELY 500 FT NORTH OF THE LAUNCH POSITIONS.
 SAM-ASSOCIATED VEHICLES AND EQUIPMENT INCLUDE 6 COVERED
 SA-2 MISSILE TRANSPORTERS, 10 TRACKED PRIME MOVERS, 4
 VAN TRAILERS, 3 PROBABLE CANISTER TRANSPORTERS, AT
 LEAST 6 SA-2 MISSILE CANISTERS, 6 SETS OF BOGIE WHEELS,
 AND APPROXIMATELY 15 UNIDENTIFIED VEHICLES. A PROBABLE
 SPOON REST A IS LOCATED EAST OF THE TENT AREA. ALL
 VEHICLES, EQUIPMENT, AND TENTS HAVE BEEN PLACED AT THE
 SITE SINCE IT WAS LAST PHOTOGRAPHED ON

25X1

BOROVSK POSSIBLE ABM SUPPORT FACILITY UR 5518N 03633E NO COMOR
 THE POSSIBLE FUNCTION OF THIS INSTALLATION PREVIOUSLY
 REPORTED AS BOROVSK UNIDENTIFIED INSTALLATION, BASED

25X1
25X1

ON LARGE SCALE COVERAGE, IS NOW BELIEVED TO BE THAT OF A SUPPORT FACILITY FOR THE ABM DEPLOYMENT TAKING PLACE IN THE MOSKVA AREA. THE FIRST MAJOR INDICATION OF ACTIVITY WAS OBSERVED ON PHOTOGRAPHY OF NOVEMBER 1962, DURING THE SAME TIME PERIOD THAT CONSTRUCTION BEGAN ON THE ABM LAUNCH COMPLEXES. CONSTRUCTION OF THE FACILITY CONTINUED AT A STEADY PACE UNTIL LATE 1964 AND EARLY 1965, WHEN CONSTRUCTION ACTIVITY DECREASED AND APPEARED TO STOP. IN 1966, CONSTRUCTION WAS AGAIN RENEWED ON THE FACILITY AND CONSIDERABLE PROGRESS IS NOTED ON THIS MISSION.

THE PRINCIPAL FUNCTIONAL AREAS OF THE FACILITY ARE A POSSIBLY DOUBLY-SECURED OPERATIONS AREA AND A RELATIVELY LARGE SUPPORT AREA. IN THE OPERATIONS AREA, THE MAJOR PHYSICAL FACILITIES ARE A MISSILE STORAGE BUILDING MEASURING APPROXIMATELY [REDACTED]

25X1

HIGH, A MISSILE RECEIVING/ASSEMBLY/CHECKOUT BUILDING MEASURING APPROXIMATELY [REDACTED] HIGH, WHICH

25X1

HAS BOTH A RAIL-AND-ROAD DRIVE-THROUGH CAPABILITY, AND 2 ARCH-ROOFED BUILDINGS UNDER CONSTRUCTION MEASURING APPROXIMATELY 10 ADDITIONAL

25X1

BUILDINGS, A STEAMPLANT, AND 2 PROBABLE EARTH-MOUNDED TANKS ARE ALSO LOCATED WITHIN THE SECURED AREA. EARTH SCARRING AND CONSTRUCTION ACTIVITY ARE UNDERWAY AT VARIOUS LOCATIONS THROUGHOUT THE FACILITY.

TWO POSSIBLE GALOSH MISSILE CANISTERS, PROBABLY WITHOUT THEIR PRIME MOVERS, ARE PARKED ON THE WEST SIDE OF THE MISSILE STORAGE BUILDING. THE POSSIBLE CANISTERS MEASURE APPROXIMATELY [REDACTED] AND 10 FEET IN WIDTH.

25X1

THE SUPPORT AREA, SOUTH OF THE OPERATIONS AREA, APPEARS TO BE DIVIDED INTO 3 AREAS. THE FIRST, WHICH APPEARS PREDOMINATELY RESIDENTIAL, CONTAINS 4 COMPLETED, MULTISTORY APARTMENT-TYPE BUILDINGS, 3 MORE IN VARIOUS STAGES OF CONSTRUCTION, 1 ADDITIONAL BUILDING, AND A PROBABLE SEWAGE TREATMENT FACILITY. A SECOND AREA, WHICH APPEARS TO BE AN ADMINISTRATIVE AREA, WITH POSSIBLY SOME MECHANICAL OPERATIONS TAKING PLACE, CONTAINS 2 MULTISTORY APARTMENT-TYPE BUILDINGS, A U-SHAPED PROBABLE ADMINISTRATION BUILDING UNDER CONSTRUCTION, AND 6 ADDITIONAL MAJOR BUILDINGS. THE THIRD AREA CONTAINS 16 GABLE-ROOFED BUILDINGS AND

SECTION # 18

SEVERAL SMALLER BUILDINGS/STRUCTURES.

25X1

AIR FACILITIES

TIEN-YANG AIRFIELD CH 2344N 10658E [REDACTED]
QB -- -- 1 CRATE ON SE PARKING APRON.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1
25X1

25X1

Page Denied

25X1

ELECTRONICS/COMMUNICATIONS

DZHAMBUL SRF COMMUNICATIONS FACILITY UR 4259N 07124E BONUS 1
6.5 NM NORTH OF DZHAMBUL.

FACILITY CONSISTS OF A TRIPLE-SECTIONED ARCH-ROOFED
BUILDING PARTIALLY EARTH MOUNDED, A SINGLE
EARTH-MOUNDED CONTROL BUILDING, AND AN ANTENNA FIELD
CONTAINING 2 HARDENED SUBSURFACE ANTENNAS, NUMEROUS
FISHBONE AND DIPOLE ANTENNAS, AND AT LEAST 2
MAST-MOUNTED POSSIBLE VHF ANTENNAS. SUPPORT FOR THE
FACILITY CONSISTS OF 22 ADDITIONAL BUILDINGS.

25X1

MILITARY ACTIVITY

MA-LI-PO SUPPLY DEPOT CH 2307N 10443E
TWENTY-THREE CARGO TRUCKS ARE OBSERVED WITHIN AND ON
THE ROAD NEAR THE INSTALLATION. NO DEFENSES OBSERVED.
NO EVIDENCE OF TROOP BUILDUP, STOCKPILING OF MATERIAL,
OR OTHER UNUSUAL ACTIVITY.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

HO-KOU ARMY BARRACKS NORTH CH 2232N 10357E
OB -- 6 POSSIBLE CARGO TRUCKS.
NO EVIDENCE OF TRAINING AREAS OR TROOP ACTIVITY
OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.
NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1

25X1

COMPLEXES

KUN-MING COMPLEX CH 2504N 10241E
NO NEW INDUSTRIAL FACILITIES OR CHANGES IN EXISTING
FACILITIES, CONSTRUCTION OF DEFENSES OR CIVIL DEFENSE
FACILITIES, OR EVIDENCE OF ABANDONMENT OR REDUCTION OF
MAJOR INDUSTRIAL OR ECONOMIC ACTIVITY OBSERVED.
RAIL ACTIVITY IN THE COMPLEX IS AT A HIGH LEVEL. THE
RAIL YARD ON THE SE EDGE IS 50 PERCENT FILLED AND
CONTAINS A TOTAL OF 62 CARS CONSISTING OF 37 PASSENGER,
9 BOX, AND 16 FLAT CARS. THE RAIL YARD 4.5 NM ESE IS
60 PERCENT FILLED AND CONTAINS A TOTAL OF 196 CARS
CONSISTING OF 48 BOX, 90 GONDOLA/HOPPER, 10 TANK, 18
FLAT, AND 30 UNIDENTIFIED CARS. THE RAIL YARD 3.5 NM
ESE IS 70 PERCENT FILLED AND CONTAINS A TOTAL OF 420
CARS CONSISTING OF 191 BOX, 63 GONDOLA/HOPPER, 15 TANK,
60 FLAT, AND 91 UNIDENTIFIED CARS.
CONSTRUCTION IS APPROXIMATELY 60 PERCENT COMPLETE ON A
PROBABLE PASSENGER STATION IMMEDIATELY SOUTH OF TOWN.
IT CONSISTS OF 6 TRACKS AND 3 COVERED PLATFORMS. TEN
PASSENGER CARS ARE PARKED ADJACENT TO ONE OF THE SHE
NUMEROUS OTHER RAIL CARS ARE OBSERVED THROUGHOUT THE
COMPLEX ON SMALL SIDINGS. NUMEROUS TRUCKS AND BUSES

25X1

25X1

ARE WITHIN THE COMPLEX.
APPROXIMATELY 15 PERCENT OF THE SEARCH AREA IS COVERED
ON PHOTOGRAPHY WITH 10 PERCENT CLOUD COVER. NO
EVIDENCE OF NEW SAM ACTIVITY IS OBSERVED IN CLOUD-FREE
AREAS. KUN-MING SAM SITE B23-2 [REDACTED] IS NOT
COVERED.

25X1

[REDACTED]
PING-HSIANG COMPLEX CH 2207N 10646E [REDACTED]
ROLLING STOCK OBSERVED CONSISTS OF 14 FLAT CARS
CONTAINING LARGE UNIDENTIFIED PIECES OF EQUIPMENT, 41
PASSENGER CARS, AND APPROXIMATELY 300 OTHER PIECES OF

25X1

25X1

SECTION # 20

ROLLING STOCK. NUMEROUS VEHICLES AND PIECES OF
EQUIPMENT REMAIN PARKED THROUGHOUT THE COMPLEX AREA,
INCLUDING 973 TRUCKS, 82 SMALL UTILITY TRUCKS, 21
VEHICLES/PIECES OF EQUIPMENT, 70 UNIDENTIFIED PIECES OF
EQUIPMENT, AND 6 PROBABLE MORTARS. APPROXIMATELY 30
TRUCKS ARE OBSERVED ON ROADS WITHIN THE COMPLEX.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1